

Lesson Objectives To use mixed numbers and improper fractions	NAEP 2005 Strand: Number Properties and Operations Topic: Number Operations Local Standards: _____
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VocabularyExample

A Proper Fraction has _____

An Improper Fraction has _____

A Mixed Number shows _____

Mixed Number → Improper Fraction

M = _____ the _____
by the _____. $5\frac{2}{7}$

A = _____ the _____
to the _____. $5\frac{2}{7}$
* This is the new _____.

D = _____ remains
the _____. $5\frac{2}{7}$

Improper Fraction \rightarrow Mixed Number

① _____ the _____ $\frac{37}{5}$
by the _____.

② _____ in the quotient
is the _____ in the mixed number. $5 \overline{)37}$

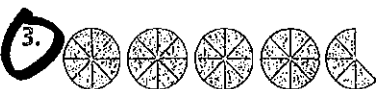
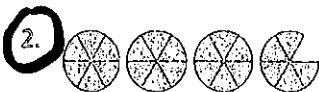
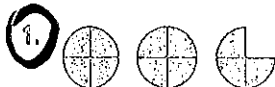
③ The _____ is the
_____ in the fraction.

④ _____ stays $\frac{37}{5} =$
the same.

Practice 4-6

Mixed Numbers and Improper Fractions

What mixed number represents the amount shaded?



Write each mixed number as an improper fraction.

For # 4-21. Show your work on the back.

4. $1\frac{7}{8}$ _____

5. $2\frac{3}{4}$ _____

6. $7\frac{1}{3}$ _____

7. $3\frac{3}{4}$ _____

8. $4\frac{1}{4}$ _____

9. $5\frac{5}{6}$ _____

10. $2\frac{3}{8}$ _____

11. $4\frac{7}{8}$ _____

12. $2\frac{3}{5}$ _____

Write each improper fraction as a mixed number in simplest form.

13. $\frac{15}{2}$ _____

14. $\frac{8}{3}$ _____

15. $\frac{5}{2}$ _____

16. $\frac{11}{10}$ _____

17. $\frac{7}{6}$ _____

18. $\frac{9}{8}$ _____

19. $\frac{27}{12}$ _____

20. $\frac{26}{18}$ _____

21. $\frac{35}{21}$ _____

22. Find the improper fraction with a denominator of 6 that is equivalent to $5\frac{1}{2}$.

Homework Exercises

Assignment _____ Date _____

Show Your Work!

Show Your Work!